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Subject: Re: imcontour no longer plotting in color  
Posted by [David Fanning](#) on Thu, 02 Aug 2012 12:02:25 GMT  
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Balthasar Indermuehle writes:

> I'm in what looks to be a veritable mess... my calls to imcontour to plot a FITS image no longer work with colour palettes, it just draws b/w. The legend however drawn with cgColorbar appear nice and normal in colour on the same piece of postscript, so it's obviously not a device problem.  
>  
> This is running from a piece of code that worked about a year ago, apart from updating from 10.6 to 10.7 (OS X obviously) there have been no changes to the system I'm aware of, certainly not in the IDL realm.  
>  
> Anyone have any clue where to even start looking!?

I don't use IMCONTOUR, but I notice you are trying to pass it the colors to use via a PALETTE keyword. I don't have a PALETTE keyword defined for my IMCONTOUR program, so unless you have added one, this is probably the source of the error.

When you call cgLoadCT, you use the RGB\_TABLE keyword to create the palette. No colors are loaded in the hardware color table when this keyword is used.

I would try adding a second cgLoadCT command below the first (assuming you are creating the palette for a reason), and remove the RGB\_TABLE keyword on this call.

Does that make a difference?

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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